





CYPHEME

INNOVATIVE ANTI COUNTERFEIT SOLUTIONS

The background of the lower half of the image is a dark, textured surface. It features faint, glowing lines and patterns that resemble a circuit board or a complex network. Overlaid on this are snippets of code in a light gray font, including terms like 'std::cerr', 'std::rethrow', 'catch', 'std::ifstream', 'file.exceptions', and 'std::throw'. The overall aesthetic is high-tech and digital.



WHO WE ARE

WE PROVIDE INNOVATIVE ANTI-COUNTERFEIT SOLUTIONS

We develop **top-quality tech solutions** to fight against illegal markets and counterfeiting.

We are a French company based in **Paris** with offices in China, Japan and Thailand.

Our **solutions** detect counterfeit products in a revolutionary manner and come with a set of options to support your marketing efforts.

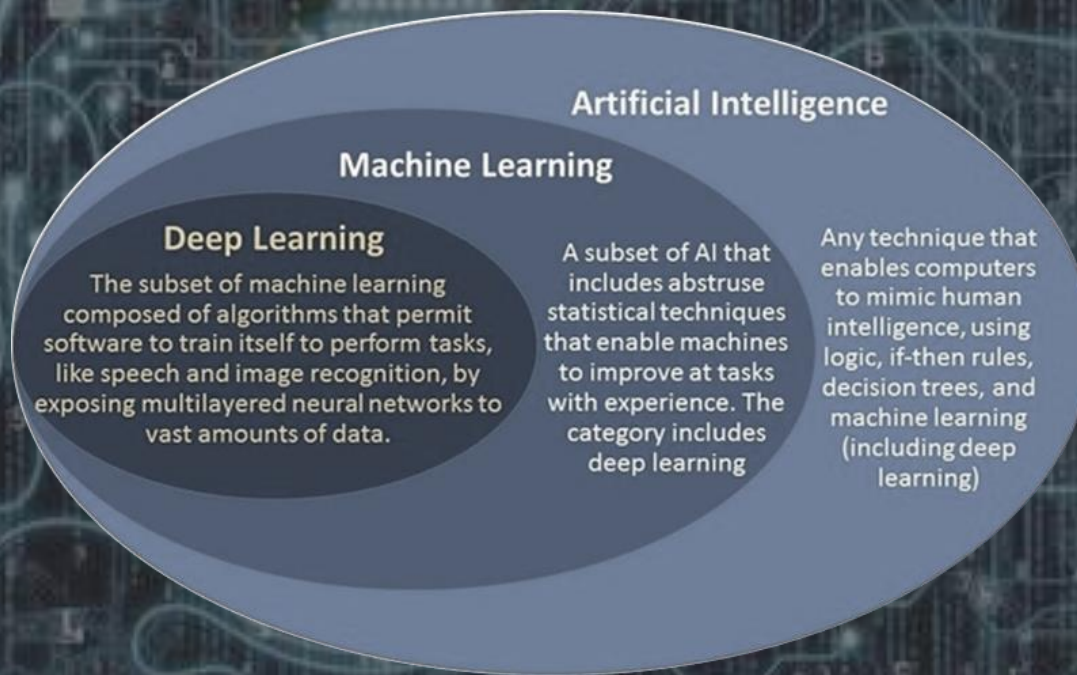
REFERENCES :

- QUALIFY ISO 12931
- SEAL OF EXCELENCE CEE

Assessment criteria	Objectives targeted Parameters to be assessed	Assessment	Criticality			
			High	Medium	Low	Not relevant
1.5 Feature-linked physical characteristics	Visibility	Yes, required for inspection	X			
	Machine readable	Yes, non-subjective interpretation	X			
	Tamper evidence	Die cuts	X			
	Uniqueness	2D code and chaos matrix are unique	X			
2 Attack resistance of the authentication elements	To specify the performance of the authentication elements regarding different sorts of attacks					
2.1 Reverse engineering and copy resistance	Reverse engineering	Chaos-based matrix is "chemically" random, not reproducible Colour obtained by combination of molecules which are impossible to decompose	X			
	Copy	Impossible Any printed reproduction is recognized and inks and varnishes are not reproducible	X			
	Simulation, emulation	Impossible Any printed reproduction is recognized	X			
2.2 Tamper resistance/tamper evidence	Tamper resistance	Total if direct printing or linked to the label substrate (delamination)	X			
	Tamper evidence	Alteration of the support or label (die cuts)	X			



A unique know-how in artificial intelligence



Our technical teams, true experts in deep learning, develop algorithms that combine several layers of neural networks to offer our customers applications with high added value in security and authentication.

High-tech applications

Document security : visas,
passports, driving licences, tax
stamps



Detection of forged
documents, bank cheques,
banknotes



Safety and security
anti-counterfeiting, traceability



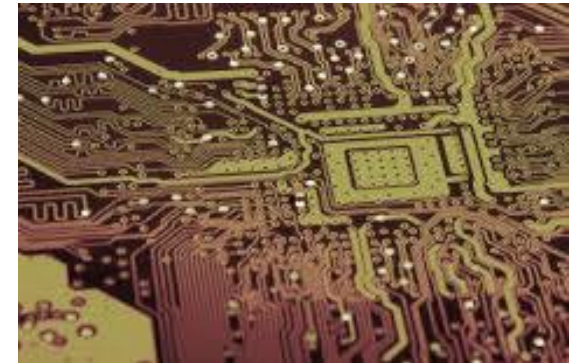
Access control security, time
stamping



Logistics security, digital bailiff,
digital and secure transport
documents



Security of electronic systems,
protection of sensitive
components



THE BEST LEVEL OF SECURITY

NOISE PRINT :



5 LEVELS OF SECURITY

- Unique chemical imprint
- Artificial intelligence
- Secure online cloud
- Hyperphotometry
- Reaction to UV light 365 nm

HYPER P :



3 OR 4 LEVELS OF SECURITY

- Artificial intelligence
- Hyperphotometry
- Reaction to UV light 365 nm
- Secure online cloud

CYPHEME OFFERS TAILORED SOLUTIONS

Our solution consists of a **tag** applied to the packaging of the product or to the product itself.

Each unique tag is recorded on a **secure online cloud**.

A **smartphone camera** is required to scan the tag and verify **the authenticity of the product**.



AUTHENTICATION

CHECKING THE AUTHENTICITY OF A PRODUCT HAS NEVER BEEN SO SIMPLE.



TAKE A PICTURE OF THE TAG WITH :



or



WAIT A FEW SECONDS

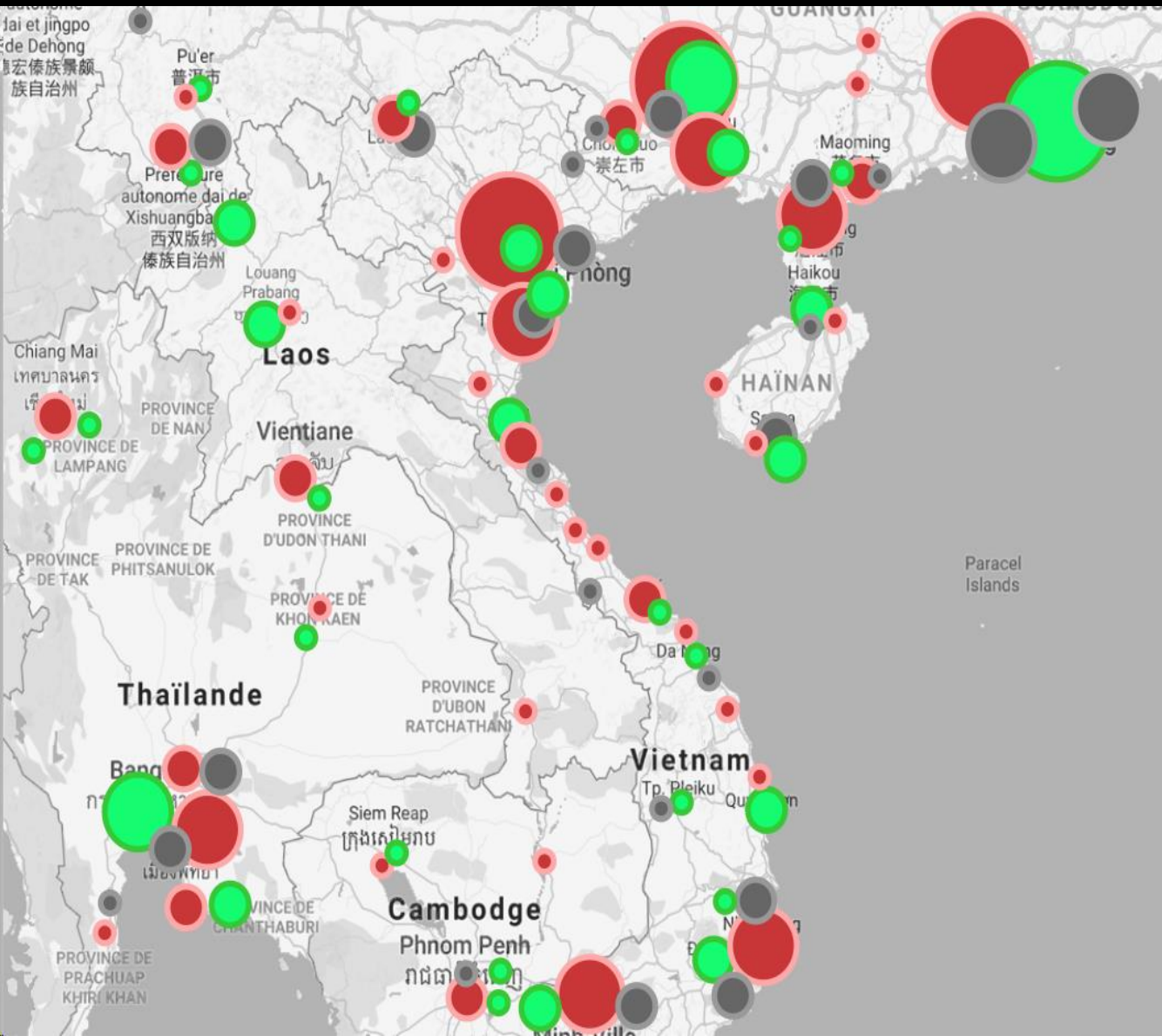


READ THE CHATBOT MESSAGE: « GENUINE » or « FAKE »

FIND OUT ABOUT YOUR PRODUCT.

TRACEABILITY and DATA ANALYSIS

CYPHEME PROVIDES PRECISE GEOLOCATION REPORTS.



1- GEO-LOCALIZATION

- Know in real time where your products are scanned
- Know in real time where fake products are scanned

2- TRACING

Some of your products ends up where they shouldn't?

For example, sold on e-markets outside of your official distribution network?

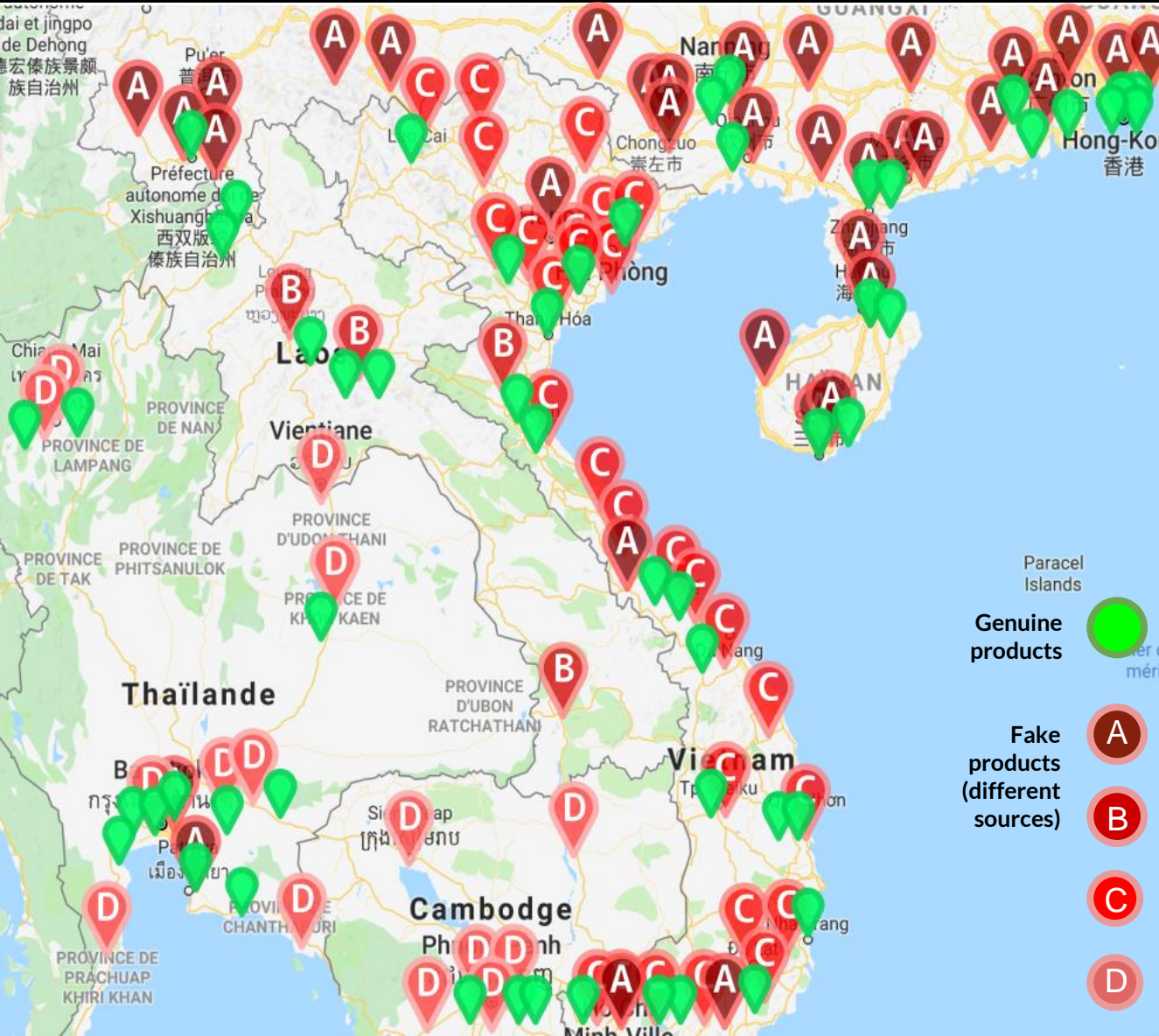
We can provide you with batches of numbered tags. Provide each of your distributors with a different batch. Whenever one of your product is found outside of its regular circuit, you will know who it came from.

3- TRACK AND TRACE

We don't provide logistics and ERP consulting, but we are compatible with third party supply chain T&T suppliers

DEEP TRACING

A.I. COUNTERFEIT MONITORING - NO MARK NO TAG



1- TRACING

- Geolocate and map your counterfeits on a massive scale
- Identify your different sources of counterfeits
- Pinpoint targets for police and justice action

2- NO MARK NO TAG

- Use it RIGHT AWAY on your existing products, without modification
- Identify fake versions of your product, from pictures of the packaging only
- No industrial integration costs



Contact Us

Gilles Bonnabeau

✉ gilles.bonnabeau@cypheme.com

☎ +33 7 78 25 54 28

HEADQUARTERS

27 rue Bargue

75015 Paris - FRANCE



R&D

STATION F - 5 Parvis Alan Turing

75013 Paris - FRANCE

